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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/872,188	06/01/2001	David C. Mullen	7	2918
34847 7590 05/09/2007 AVAYA INC. 307 MIDDLETOWN-LINCROFT ROAD			EXAMINER	
			TO, JENNIFER N	
ROOM 1N-391 LINCROFT, NJ 07738			ART UNIT	PAPER NUMBER
			2195	
	•	•		
			MAIL DATE	DELIVERY MODE
		·	05/09/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

1	Application No.	Applicant(s)	
	09/872,188	MULLEN, DAVID C.	
Office Action Summary	Examiner	Art Unit	
	Jennifer N. To	2195	
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the	correspondence address	
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tinwill apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	N. nely filed the mailing date of this communication. ED (35 U.S.C. § 133).	
Status		j.	
1) Responsive to communication(s) filed on 10 Ap 2a) This action is FINAL. 2b) This 3) Since this application is in condition for allowar closed in accordance with the practice under E	action is non-final. nce except for formal matters, pre		
Disposition of Claims			
4) ☐ Claim(s) 1-5,20,21,23-25 and 38-41 is/are pen- 4a) Of the above claim(s) is/are withdraw 5) ☐ Claim(s) 6-18,22,26-37 and 42-54 is/are allowe 6) ☐ Claim(s) 1-3,20,21,23,25,38 and 39 is/are rejective. 7) ☐ Claim(s) 4,5,24,40 and 41 is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or	wn from consideration. ed. cted.		
Application Papers			
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) accomplicated any not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex	epted or b) objected to by the drawing(s) be held in abeyance. Se ion is required if the drawing(s) is ot	e 37 CFR 1.85(a). njected to. See 37 CFR 1.121(d).	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document: 2. Certified copies of the priority document: 3. Copies of the certified copies of the priority application from the International Bureau * See the attached detailed Office action for a list	s have been received. s have been received in Applicat rity documents have been receiv u (PCT Rule 17.2(a)).	ion No ed in this National Stage	
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summar Paper No(s)/Mail D 5) Notice of Informal 6) Other:	Pate	

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DETAILED ACTION

1. Claims 1-5, 20, 21, 23-25 and 38-41 are pending for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 3. Claims 1-3, 20-21, 23, 25, and 38-39 are rejected under 35 U.S.C. 102(e) as being anticipated by Zhao (U.S. Patent No. 6466664).
- 4. As per claim 1, Zhao teaches the invention as claim including a work management method comprising:

for a future point in time, determining a probability of availability of each resource (agent) of a plurality of resources (group of agents) at said future point in time, to obtain the probabilities of availability of the plurality of the resources (abstract, lines 5-11; col. 6, lines 49-56, I63-65,; col. 7, lines 12-16, 34);

combining together the determined probabilities of availability of the plurality of resources to obtain a number that is a result of the combining (col. 7, lines 15-17); and

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using the number to schedule new tasks (new calls) for the resources for the future point in time (col. 7, lines 21-23, 63-67; col. 13, lines 45-52).

- 5. As per claim 2, Zhao teaches that wherein using the number to schedule new tasks comprises scheduling for the future point in time no more than the number of the new tasks to become available for servicing by the plurality of the resources (col. 13, lines 45-52).
- 6. As per claim 3, Zhao teaches that wherein combining together the determined probabilities comprises summing the probabilities to obtain the number (col. 7, lines 15-17).
- 7. As per claims 20-21, 23, 25, and 38-39, they are rejected for the same reason as claims 1-3 above.

Allowable Subject Matter

- 8. Claims 6-18, 22, 26-37, and 42-54 are allowable.
- 9. Claims 4-5, 24, and 40-41 would be allowable if rewritten to include all of the limitations of the base claim and any intervening claims.

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Response to Arguments

10. Applicant's arguments with respect to claims 1-3, 20-21, 23, 25, and 38-39 have been considered but are most in view of the new ground(s) of rejection.

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Flockhart et al. (U.S. Patent No. 6563920), Leamon (U.S. Patent No. 6970829), and Svoronos et al. (U.S. patent no. 5802161) teach method and system for predicting the availability of agents to handle calls in a call center.

Chapman et al., ("Predictive Resource Scheduling in Computational Grids",

Department of Computer Science, university College London, pages 1-15) teaches
system for predicting resource in computing grids.

Lesaint, ("Dynamic Workforce Scheduling for British Telecommunication plc", Interfaces 30, pages 45-56, 2000) teaches system for predicting/forecasting resource availability in telecommunication system.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jennifer N. To whose telephone number is (571) 272-7212. The examiner can normally be reached on M-T 6AM- 3:30 PM, F 6AM- 2:30 PM.

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13. If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

14. Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

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Jennifer N. To Examiner

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